This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (withdrawn): An electronic module, comprising:

an integrated circuit containing components comprising a portion of an electronic circuit:

a redistributed surface formed on the integrated circuit, including
at least one redistribution layer above at least some portions of a
top face of the integrated circuit, which redistribution layer is electrically connected to
the integrated circuit and includes at least one conductive trace, at least one mounting
pad, and a plurality of interconnect pads, which interconnect pads are positioned along
at least one edge of the redistributed surface;

a layer of insulation above at least some portions of the redistribution layer;

at least one secondary component mounted to the at least one mounting pad and electrically connected to the integrated circuit via the redistributed surface;

a substrate including electrical traces of the electronic circuit, wherein a plurality of the traces terminate along at least one edge of the substrate; and

wire bonds connecting at least one of the interconnect pads along at least one edge of the redistributed surface and at least one of the traces along at least one edge of the substrate.

Claim 2 (withdrawn): The electronic module of claim 1 wherein the at least one secondary component is at least one of a diode, a capacitor, a power source, and a coil.

Claim 3 (withdrawn): The electronic module of claim 2 further comprising additional components electrically connected to the integrated circuit to form a microstimulator electronics package.

Appl. No. 10/609,452 Amdt. dated Sep. 2, 2005 Reply to Office Action of Aug. 5, 2005

Page 2 of 9

Claim 4 (withdrawn): The electronic module of claim 1 further comprising a coil comprising a winding around a core; the core comprising two separate halves; one core half secured to a portion of the redistributed surface of the integrated circuit; and

one core half secured to a portion of the substrate.

Claim 5 (withdrawn): The electronic module of claim 4 wherein the core, when the two halves are assembled, is a dumbbell shape.

Claim 6 (withdrawn): The electronic module of claim 4 wherein the at least one mounting pad is positioned at one end of the redistributed surface.

Claim 7 (withdrawn): The electronic module of claim 1 further comprising
a substrate including electrical traces of the electronic circuit, wherein
at least one trace terminates along at least one edge of the substrate, and
at least one wire bond connecting the at least one secondary
component mounted to the at least one mounting pad and the at least one trace along
at least one edge of the substrate.

Claim 8 (withdrawn): The electronic module of claim 1 wherein the redistributed surface comprises at least one of copper, polyimide, gold, and titanium tungsten.

Claim 9 (withdrawn): The electronic module of claim 1 further comprising a first layer of insulation on at least some portions of the top face of the integrated circuit.

Claim 10 (withdrawn): The electronic module of claim 9 wherein the redistribution layer includes:

a first layer of bond material on at least some portions of the integrated

Appl. No. 10/609,452 Amdt. dated Sep. 2, 2005 Reply to Office Action of Aug. 5, 2005

Page 3 of 9

circuit:

a layer of conductive redistribution material on at least portions of the first bond layer; and

a second layer of bond material on at least some portions of the redistribution material.

Claim 11 (withdrawn): The electronic module of claim 10 wherein the first bond layer covers portions of the integrated circuit and portions of the first insulation layer, and wherein the conductive redistribution material covers the first bond layer, and wherein the second bond layer covers the redistribution material.

Claim 12 (withdrawn): The electronic module of claim 9 further comprising:

a grounding layer comprising at least a layer of shielding material above at least some portions of the integrated circuit.

Claim 13 (withdrawn): The electronic module of claim 12 wherein the grounding layer includes:

a first layer of grounding bond material on at least some portions of the integrated circuit;

a layer of shielding material on at least some portions of the first grounding bond layer; and

a second layer of grounding bond material on at least some portions of the shielding material.

Claim 14 (withdrawn): The electronic module of claim 13 wherein the first layer of grounding bond material covers portions of the integrated circuit and portions of the first insulation layer, and wherein the layer of shielding material covers the first grounding bond layer, and wherein the second grounding bond layer covers the layer of shielding material.

Appl. No. 10/609,452 Amdt. dated Sep. 2, 2005 Reply to Office Action of Aug. 5, 2005

Page 4 of 9

Claim 15 (original): A method of making an electronic module, comprising:

creating a redistributed surface on an integrated circuit, including

creating a redistribution layer comprising at least a layer of

conductive redistribution material above at least some portions of a top face of the

integrated circuit, which redistribution layer is electrically connected to the integrated

circuit and includes conductive traces, mounting pads, and interconnect pads;

using at least some of the traces to position at least some of the

creating a layer of insulation above at least some portions of the redistribution layer;

interconnect pads along at least one edge of the redistributed surface;

mounting at least one secondary component to at least one mounting pad; securing the integrated circuit to a substrate, which substrate includes electrical traces, wherein at least one trace terminates along at least one edge of the substrate; and

electrically connecting at least one interconnect pad along at least one edge of the redistributed surface and at least one trace along at least one edge of the substrate, thereby electrically connecting the substrate to the integrated circuit.

Claim 16 (original): The method of claim 15 further comprising electrically connecting additional components to the integrated circuit to form an electronics package of a microstimulator.

Claim 17 (original): The method of claim 15 further comprising providing a core comprising two separate halves; securing one core half to the redistributed surface of the integrated circuit; securing one core half to a portion of the substrate; and winding a wire around the core halves to create a coil assembly.

Claim 18 (original): The method of claim 17 wherein the core, when the two halves are assembled, is a dumbbell shape.

Appl. No. 10/609,452 Amdt. dated Sep. 2, 2005 Reply to Office Action of Aug. 5, 2005

Page 5 of 9

Claim 19 (original): The method of claim 15 wherein the at least one secondary component is at least one of a dlode, a capacitor, a power source, and a coil.

Claim 20 (original): The method of claim 15 further comprising creating a first layer of insulation on at least some portions of the top face of the integrated circuit.

Claim 21 (original): The method of claim 20 wherein creating the redistribution layer comprises:

creating a first layer of bond material on at least some portions of the integrated circuit;

creating a layer of conductive redistribution material on at least portions of the first bond layer; and

creating a second layer of bond material on at least some portions of the redistribution material.

Claim 22 (original): The method of claim 21 wherein the first bond layer covers portions of the integrated circuit and portions of the first Insulation layer, and wherein the conductive redistribution material covers the first bond layer, and wherein the second bond layer covers the redistribution material.

Claim 23 (original): The method of claim 21 wherein the redistributed surface comprises at least one of copper, polyimide, gold, and titanium tungsten.

Claim 24 (original): The method of claim 20 further comprising:

creating a grounding layer comprising at least a layer of shielding material above at least some portions of the integrated circuit.

Claim 25 (original): The method of claim 24 wherein creating a grounding layer comprises:

Appl. No. 10/609,452 Amdt. dated Sep. 2, 2005 Reply to Office Action of Aug. 5, 2005

Page 6 of 9

creating a first layer of grounding bond material on at least some portions of the integrated circuit;

creating a layer of shielding material on at least some portions of the first grounding bond layer; and

creating a second layer of grounding bond material on at least some portions of the shielding material.

Claim 26 (original): The method of claim 25 wherein the first layer of grounding bond material covers portions of the integrated circuit and portions of the first insulation layer, and wherein the layer of shielding material covers the first grounding bond layer, and wherein the second grounding bond layer covers the layer of shielding material.

Claim 27 (original): The method of claim 15 wherein at least a portion of the postprocessing is performed on a wafer containing multiple integrated circuits.

Claim 28 (withdrawn): A method of making an electronic module, comprising:

creating a first layer of insulation on at least some portions of a top face of an integrated circuit;

creating a grounding layer comprising at least a layer of shielding material above at least some portions of the first layer of insulation and above at least some portions of the top face of the integrated circuit, which grounding layer is electrically connected to the integrated circuit:

creating a second layer of insulation above at least some portions of the grounding layer;

creating a redistribution layer comprising at least a layer of conductive redistribution material above at least some portions of the second layer of insulation and above at least some portions of the grounding layer, which redistribution layer is electrically connected to the integrated circuit and the grounding layer, and includes conductive traces, mounting pad, and interconnect pads; and

mounting at least one secondary component to at least one mounting pad.

Appl. No. 10/609,452 Amdt. dated Sep. 2, 2005 Reply to Office Action of Aug. 5, 2005

Page 7 of 9

Claim 29 (withdrawn): The method of claim 28, further comprising

securing the integrated circuit to a substrate, which substrate includes electrical traces, wherein at least one trace terminates along at least one edge of the substrate; and

electrically connecting at least one interconnect pad along at least one edge of the redistributed surface and at least one trace along at least one edge of the substrate, thereby electrically connecting the substrate to the integrated circuit.

Claim 30 (withdrawn): The method of claim 28 further comprising electrically connecting additional components to the integrated circuit to form an electronic package of a microstimulator.

Claim 31 (withdrawn): The method of claim 28 wherein creating a grounding layer comprises:

creating a first layer of grounding bond material on at least some portions of the integrated circuit;

creating a layer of shielding material on at least some portions of the first grounding bond layer; and

creating a second layer of grounding bond material on at least some portions of the shielding material.

Claim 32 (withdrawn): The method of claim 31 wherein the first layer of grounding bond material covers portions of the integrated circuit and portions of the first insulation layer, and wherein the layer of shielding material covers the first grounding bond layer, and wherein the second grounding bond layer covers the layer of shielding material.